

II. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A computer implemented method of obtaining application data, the method comprising:

obtaining a data page from a network application during a session with the network application;

receiving an original submission of the application data using the data page;

ensuring that the session is valid; and

submitting the application data to the network application when the session is valid,

wherein the application data is submitted to the network application without reentry by a user in case that the session ~~has expired~~ is invalid.

2. (Original) The method of claim 1, further comprising establishing the session with the network application.

3. (Original) The method of claim 1, further comprising receiving a submission request for the application data.

4. (Currently Amended) The method of claim 1, wherein the ensuring step comprises:

determining if it is probable likely that the session has expired; and

querying the network application for a session status if it is probable likely that the session has expired.

5. (Currently Amended) The method of claim 4, wherein the querying step comprises:
sending a request to the network application; and
determining if whether a login page is received from the network application in response to the request.

6. (Original) The method of claim 4, wherein the determining step comprises:
obtaining a session time remaining at a first time;
determining a submission time for the submission request; and
comparing the session time remaining to a difference between the submission time and the first time.

7. (Original) The method of claim 6, wherein the first time comprises a display time for the data page.

8. (Original) The method of claim 1, wherein the ensuring step comprises establishing another session with the network application if the session is invalid.

9. (Original) The method of claim 8, wherein the data page is displayed in a first window, and wherein the establishing step includes displaying a login page in a second window.

10. (Currently Amended) A computer implemented method of obtaining application data for a network application, the method comprising:

establishing a session with a client;

providing a data page to the client, wherein the data page ensures that the session is valid before submitting the application data; and

receiving an original submission of the application data from the client,

wherein the application data is submitted to the network application without reentry by a user in case that the session has expired.

11. (Original) The method of claim 10, wherein the establishing step comprises:

providing a login page to the client;

receiving login data from the client; and

authenticating the login data.

12. (Original) The method of claim 10, further comprising:

receiving a request from the client for an invalid session; and

providing the login page to the client in response.

13. (Original) The method of claim 10, wherein the data page includes a session time remaining.

14. (Original) The method of claim 13, wherein the data page ensures that the session is valid using the following method steps:

determining a display time for the data page;

determining a submission time for a submission request; and

comparing the session time remaining to a difference between the submission time and the first time.

15. (Currently Amended) A system for obtaining application data for a network application, the system comprising:

a session system for establishing a session with a client; and

a data system for providing a data page to the client and receiving an original submission of the application data from the client;

wherein the data page ensures that the session is valid before submitting the application data, and

wherein the application data is submitted to the network application without reentry by a user in case that the session has expired.

16. (Original) The system of claim 15, further comprising a display system for displaying pages to a user.

17. (Original) The system of claim 15, wherein the session system provides a login page to the client in response to a request for an invalid session.

18. (Currently Amended) A program product stored on a computer readable medium for obtaining application data, which when executed by a computer comprises:

program code for receiving an original submission of the application data using a data page;

program code for ensuring that a session with a network application is valid; and

program code for submitting the application data to the network application when the session is valid,

wherein the application data is submitted to the network application without reentry by a user in case that the session has expired.

19. (Original) The program product of claim 18, further comprising program code for receiving a submission request for the application data.

20. (Original) The program product of claim 18, wherein the program code for ensuring includes:

program code for determining a display time for the data page;

program code for determining a session time remaining at the display time;

program code for determining a submission time for the submission request; and

program code for comparing the session time remaining to a difference between the submission time and the first time.

21. (Original) The program product of claim 20, wherein the program code for ensuring further

includes:

program code for sending a request to the network application if the session time remaining may have expired; and

program code for determining if a login page is received from the network application in response to the request.

22. (Original) The program product of claim 21, wherein the program code for ensuring further includes program code for displaying the login page in a new window.